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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 9, 2011

Lori Hunsaker, Program Specialist  
Utah Division of State History  
300 Rio Grande  
Salt Lake City, Utah 84101-1182

Subject: Cultural Resources Concurrence, Granite Construction Company, Morgan Facility Mine,  
M/029/0008, Morgan County, Utah

Dear Ms. Hunsaker:

The Division of Oil, Gas and Mining (Division) previously notified you of a proposal from Granite Construction Company to conduct large mining operations in Township 4 North, Range 2 East, Section 36, and Township 4 North, Range 3 East, Section 31, Morgan County, Utah, and provided a copy of the cultural resources survey report performed by Sagebrush Consultants, LLC.

The Division has now determined that there will be **No Adverse Effects** on site 42M066 and seeks your concurrence with this finding. To protect this site, the mine operator has made the following commitments in the mine plan:

As mining approaches the Kiln Site, steps to reduce blast magnitude will be taken to not impact the Kiln Site. Photographic documentation and blasting magnitude controls will be taken before and after blasting within 300' of the Kiln Site. The peak particle velocity as measured at the Kiln Site will not exceed one inch per second (1 IPS) to protect any Cultural Resource impact from nearby blasts. Granite will leave a 40' buffer radius around the Kiln Site to further protect it from nearby blasts. No mining will take place in the lateral buffer area. The area above the Kiln Site will be protected with a berm to prevent large rocks from rolling off the hill side during a blast and impacting both the Kiln Site, scale house, and vehicle traffic. If a negative impact is noticed, blasting will not resume until DOGM and Granite can reach a mutually agreeable blast magnitude. These mitigation measures are in compliance with the Office of Surface Mining, subchapter K section 816.61 Use of Explosives.

Thank you for your assistance. Please call me at 801-538-5261 or Leslie Heppler at 801-538-5257 if you have questions or need additional information.

Sincerely,

Paul B. Baker  
Minerals Program Manager

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